

**CLAIMS:**

1-23. (Canceled)

24. (Currently Amended) A method of treating influenza by administering an effective amount of a pharmaceutical composition comprising a protected inosine 5'-monophosphate (IMP) compound in combination with an influenza vaccine, wherein the influenza vaccine is chosen from the group consisting of influenza proteins, peptides, ~~coat proteins, viral coats, viruses, bacteria, antigen, whole cells, cell components, parasites, and pathogens,~~ and combinations thereof, detecting a T-cell response specific to influenza, and treating influenza.

25-36. (Canceled).